Application No. 09/835,559
Amendment dated February 8, 2006
Reply to Office Action of September 8, 2005

Docket No.: 0465-1339PUS1
Art Unit 2611
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AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at line 5 on page 3, with the following new paragraph:

The meta data structure (descriptor) according to the invention is especially advantageous because of the typing and usage values that it contains. A DTV receiver can analyze such typing and usage values before accessing the data referenced in the descriptor. In some instances, such pre-access analysis can preclude the EPG generator from attempting to generate the visually-compelling information, thus reducing computational overhead and computing resource waste.

Please add a new paragraph beginning at line 27, on page 3:

Fig. 4 is a block diagram showing a PSIP generator and a DTV receiver according to an embodiment of the present invention.

Please add a new paragraph beginning at line 5, on page 4:

As shown in Fig. 4, a PSIP generator 400 can generate such metadata and transmit it in a digital TV signal to a DTV receiver 500.

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Please replace the paragraph starting at line 5 on page 4, with the following new paragraph:

Fig. 3 is a depiction of an example of an EPG screen 300 that includes, among other pieces of information, visually compelling information made available by way of one or more of the met data structures according to the invention. <u>The EPG screen 300 receives data from the DTV receiver 500 to display information such as EPG and others.</u> The EPG screen 300 includes a grid 302 that represents at least a portion of the schedule of events that a DTV receiver can receive. The grid 302 has rows representing each broadcast channel. For some of the rows, a visually-compelling log associated with the DTV broadcaster of the respective channel, such as graphic 304A, 304B, 304C and 304D, is depicted.

Please replace the paragraph starting at line 4 on page 5 with the following new paragraph:

A meta data generator that can easily be adapted to generate the descriptors according to the invention is the PSIP BUILDER PRO brand of PSIP generator manufactured and sold by TRIVENI DIGITAL INC.~~, the assignee of the invention~~. The PSIP BUILDER PRO itself is based upon a programmed PC having a Pentium type of processor using the MICROSOFT WINDOWS NT4.0 operating system, with the application software being written in Java language.

Please replace the paragraph starting at line 4 on page 13 with the following new paragraph:

In the overall example, the URL of each of the data elements is identified as "btv://kxyz16.kxyz.com/images/proglmage.gif" where 'proglmage.gif' represents one of the files being provided for each of the programs and "btv" denotes broadcast television. Such a URL is described in more detail in ~~commonly assigned copending~~ application serial no. 09/188,189 filed November 10, 1998, <u>now U.S. patent No. 6,502,243,</u> the entire contents of which are hereby incorporated by reference.